

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	1972	brak\$5.ab. and ((synchronous or brushless or BLDC or brush-less or brush adj less or permanent adj magnet or switch\$2 adj reluctance or step\$4) adj (motor or machine))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:13
L6	2207833	(short adj circuit\$2 or short\$2 or short-circuit\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:13
L7	766	L5 and L6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:13
L8	173654	(pulse adj width or PWM or SWM or pulse adj2 modulation)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:13
L9	42	L7 and L8 and (comparator)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:16
L10	699	(rated adj current) and ((short adj circuit or short-circuit) adj current)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:15
L11	146	L7 and L8 and (compar\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:01
L12	4	L10 and L11	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:16
L13	41	L7 and L8 and (compar\$5) and rectifier	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:19
L14	1438	(windings near4 rectifier) and (short adj circuit or short-circuit)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:20
L15	150	(windings near4 rectifier) and (short adj circuit or short-circuit). ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:20
L16	11	(windings near4 rectifier) and (short adj circuit or short-circuit). ab. and brak\$5.ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:32
L17	15	((armature adj winding) near8 rectifier) and (short adj circuit or short-circuit).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:38
L18	3	"1162726"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:42

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L19	3	"10206828"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:42
L20	5	"10206828"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 14:42
L21	0	DE10206828	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 14:42
L22	15	"1020682"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 14:44
L23	5	"2005116476"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 14:44
L24	2	"20050116476"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:46
L25	28	braking.ti. and synchronous.ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:57
L26	4	braking.ti. and synchronous.ti. and (short adj circuit or short-circuit).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 15:12
L27	1	braking.ti. and synchronous.ti. and (short adj circuit or short-circuit) and (torque adj controller)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 15:13
L28	1	braking.ti. and (synchronous adj (motor or machine)) and (short adj circuit or short-circuit) and (torque adj controller)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 15:13
L29	1	braking.ab. and (synchronous adj (motor or machine)) and (short adj circuit or short-circuit) and (torque adj controller)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 15:13
L30	4	braking and (synchronous adj (motor or machine)) and (short adj circuit or short-circuit) and (torque adj controller)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 15:23
L31	10962	(short adj circuit adj current)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 15:24

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L32	28	(short adj circuit adj current) and ((rated or actual) adj (short adj circuit adj current))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 15:29
L33	12	(short adj circuit adj current) and ((rated or actual) adj current) and brak\$5 and (PWM or pulse adj width or pulse adj2 modulation)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 15:30
L34	7	("3656039").URPN.	USPAT	OR	ON	2007/04/26 15:57
L35	0	2004/0257018	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 15:57
L36	3	"20040257018"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 15:57
L37	4	("4817471"   "4984647"   "5659472"   "6194849").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/26 15:58
S1	1972	brak\$5.ab. and ((synchronous or brushless or BLDC or brush-less or brush adj less or permanent adj magnet or switch\$2 adj reluctance or step\$4) adj (motor or machine))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:31
S2	2207833	(short adj circuit\$2 or short\$2 or short-circuit\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:33
S3	766	S1 and S2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:32
S4	173654	(pulse adj width or PWM or SWM or pulse adj2 modulation)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:33
S5	174	S3 and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:12
S6	14846	(short adj circuit\$2 or short\$2 or short-circuit\$2) adj current	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:34
S7	10	S1 and S6 and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:34